

INTERNATIONAL SEARCH REPORT

International Application No.
PCT/R 03/03293

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C07K14/315 C12N15/31 C12Q1/68 C12Q1/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C07K C12N C12Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, EMBASE, BIOSIS, Sequence Search

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 420 135 B1 (DOUGHERTY BRIAN A ET AL) 16 July 2002 (2002-07-16) abstract SEQ IDs No.46 and 111 column 23, line 53 – column 24, line 53 ----- WO 02/077021 A (CHIRON SPA ;MASIGNANI VEGA (IT); FRASER CLAIRE (US); TETTELIN HERV) 3 October 2002 (2002-10-03) abstract page 4, line 3 – line 23 page 5, line 23 – line 31 page 33, line 35 – page 34, line 40 SEQ IDs No.4085 and 4984 ----- -/-	1-5,14, 17,19
X		1-5,14, 17,19

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

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Date of the actual completion of the international search	Date of mailing of the international search report
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16 July 2004

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Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer
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Chavanne, F

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